

Fig. 1.

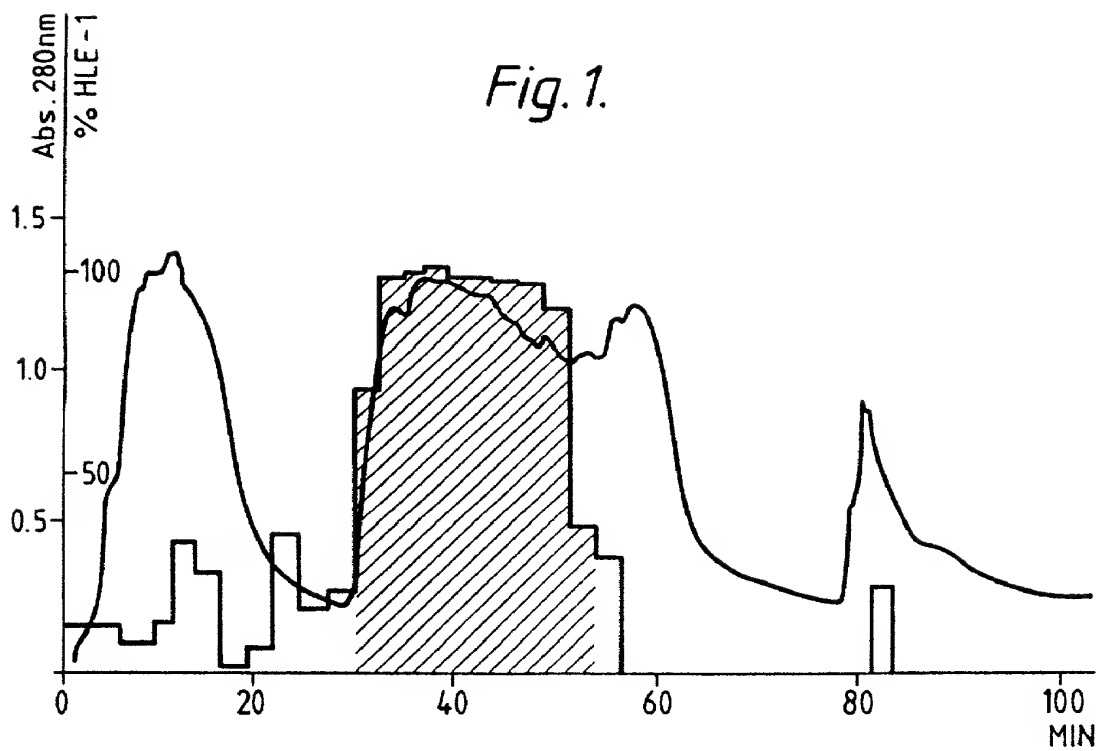


Fig. 2.

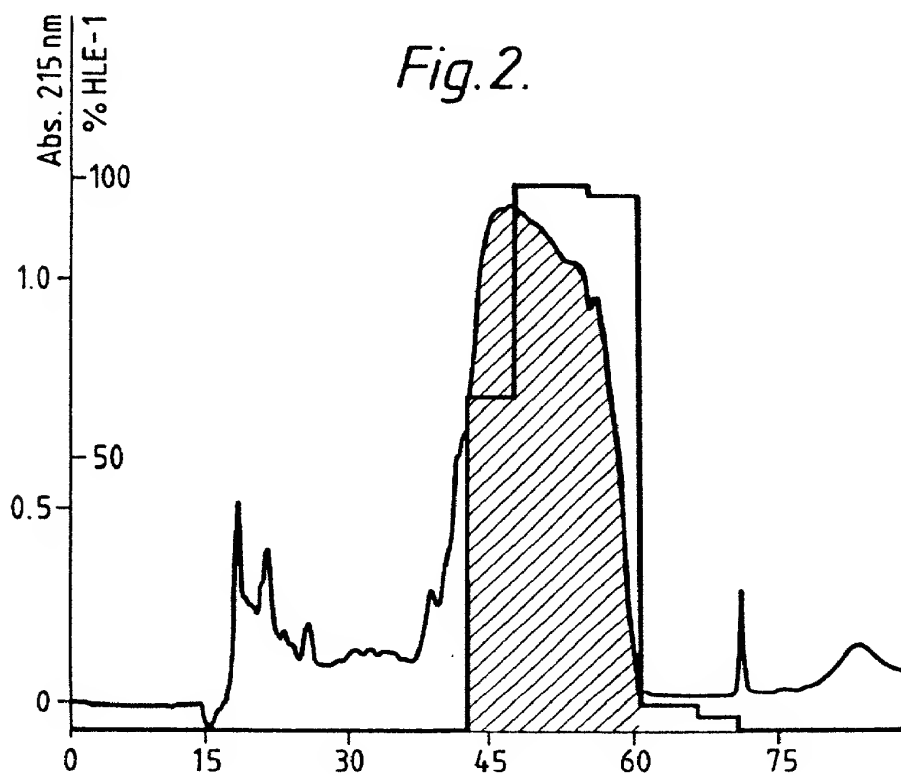


Fig.3.

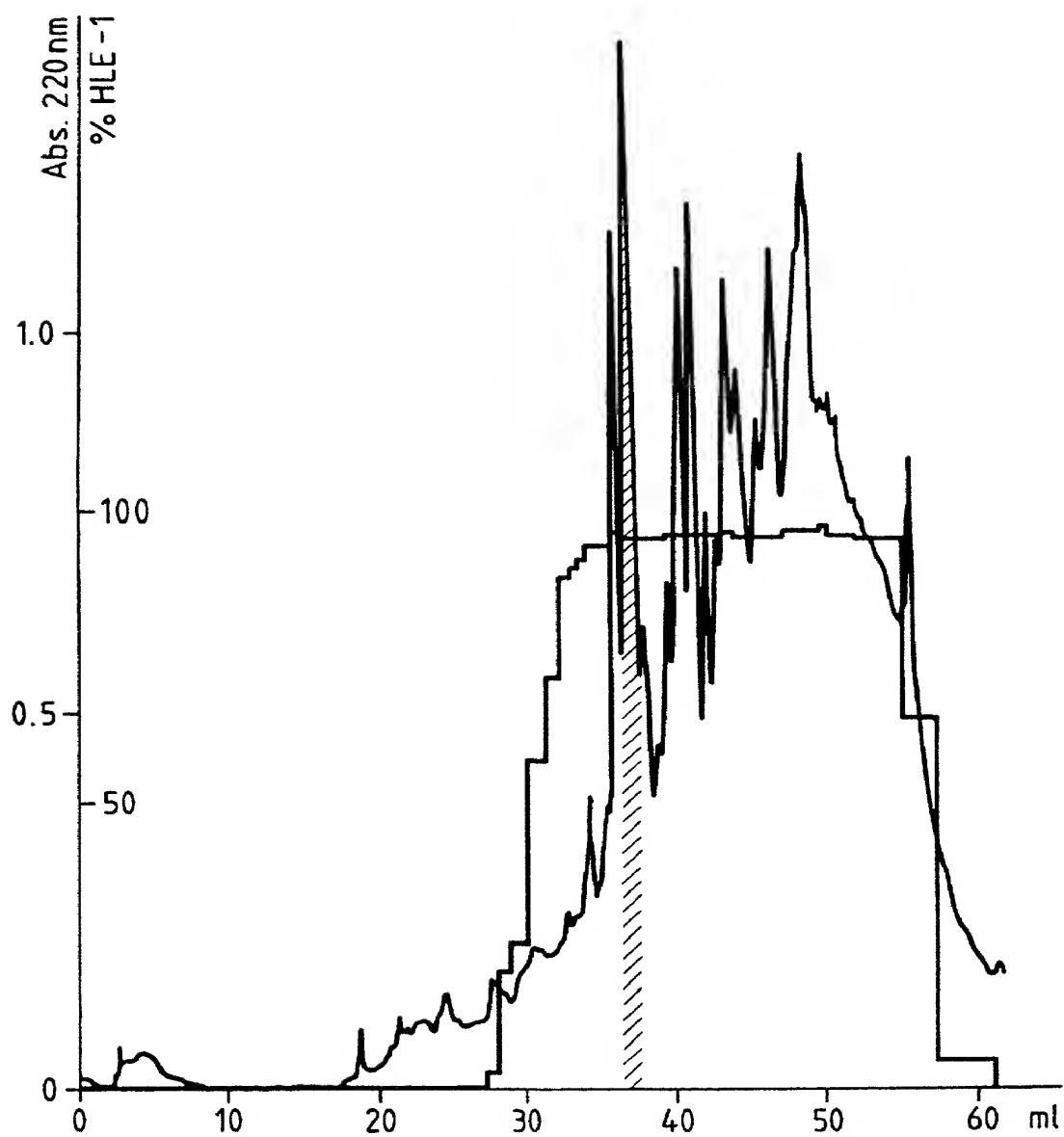


Fig. 4.

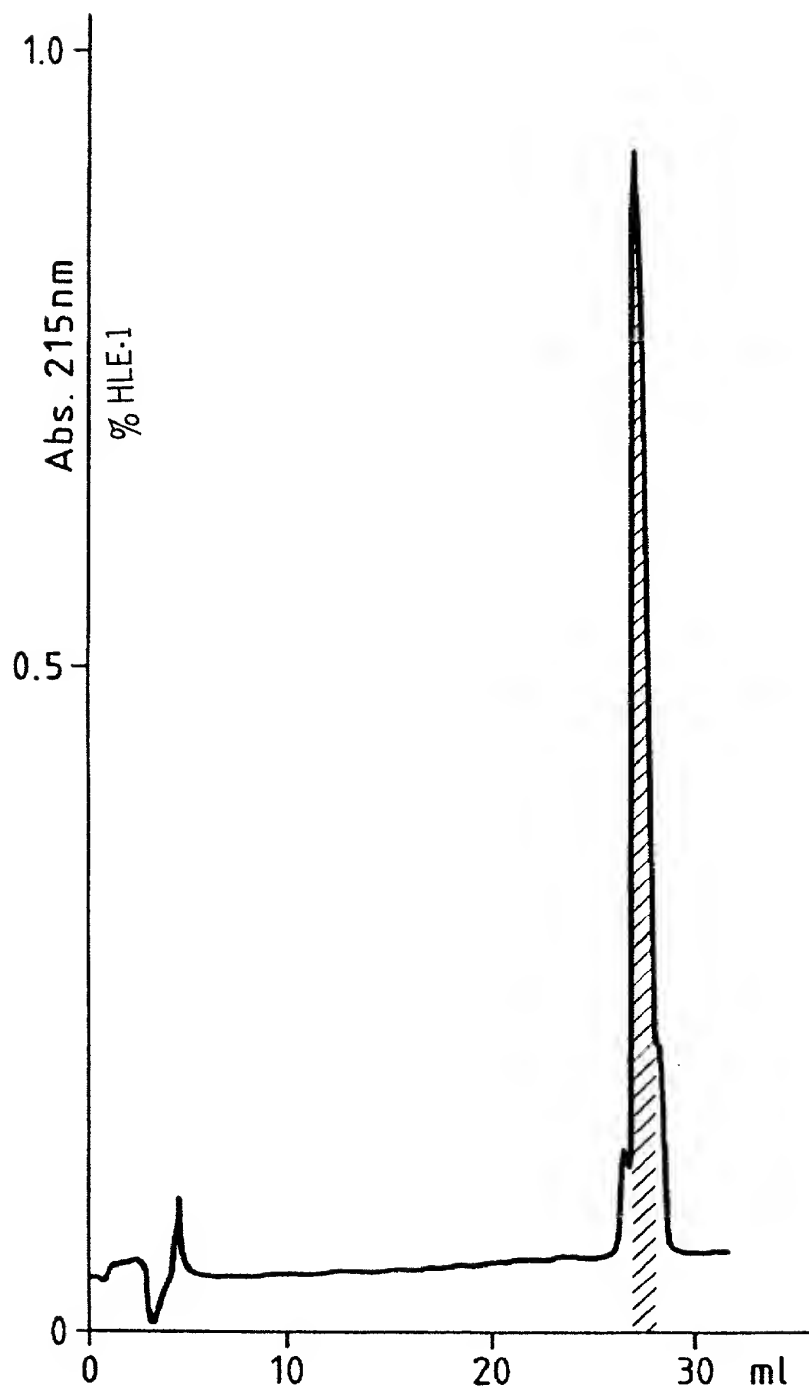


Fig. 5.

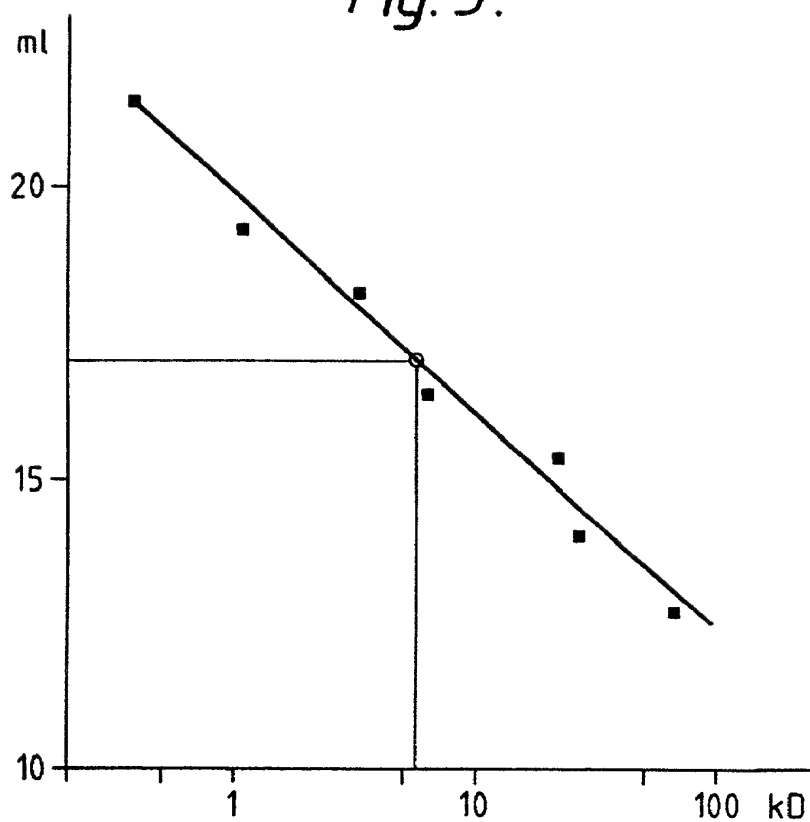


Fig. 7.

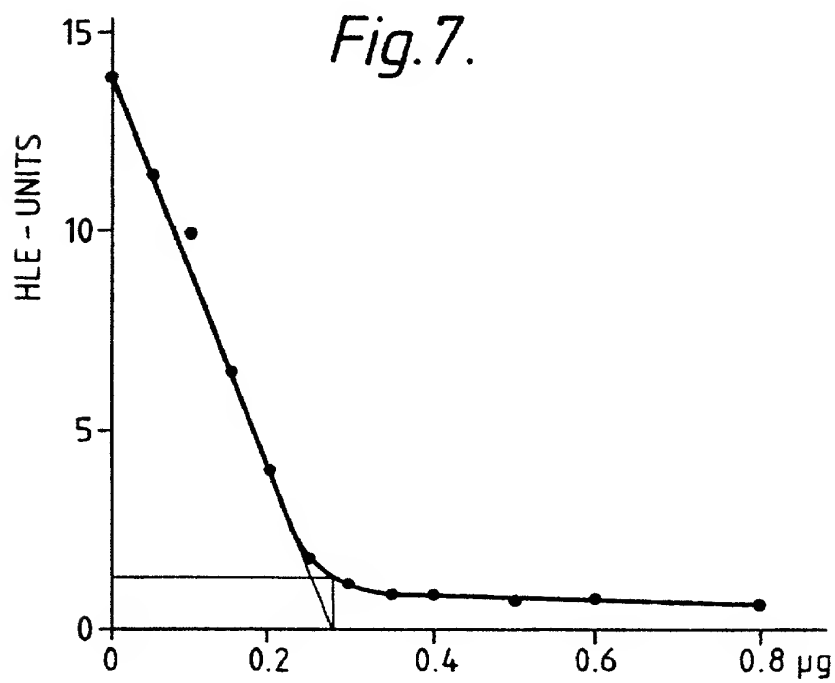


Fig.6.

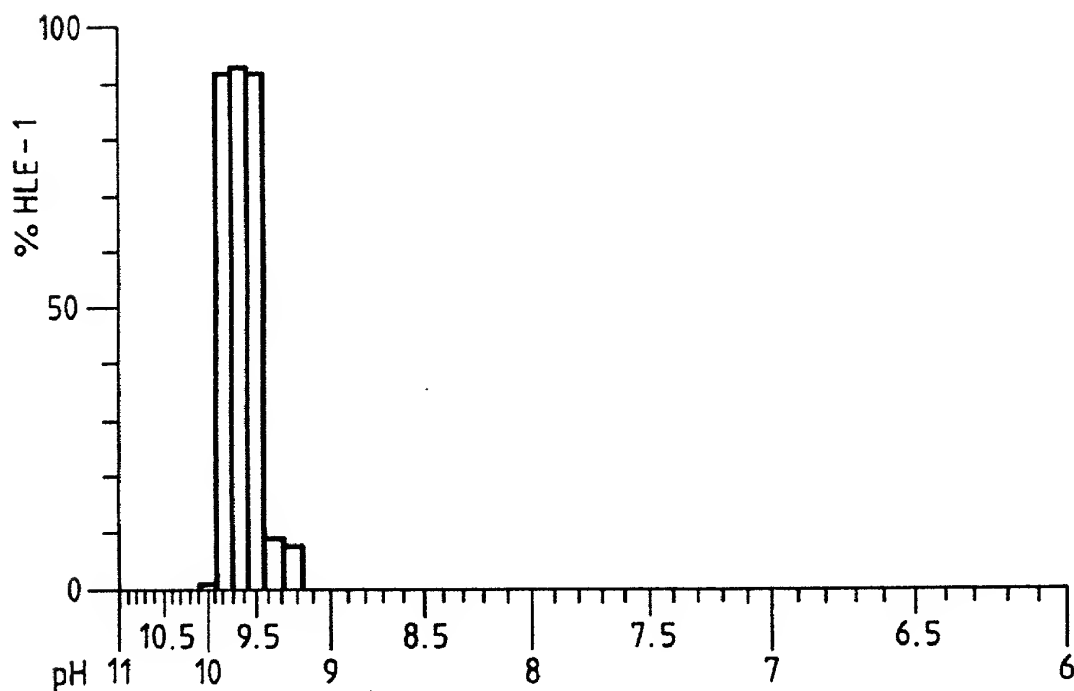
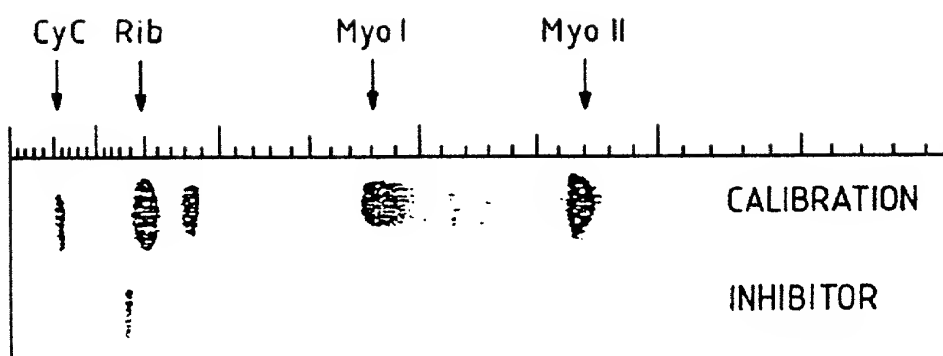
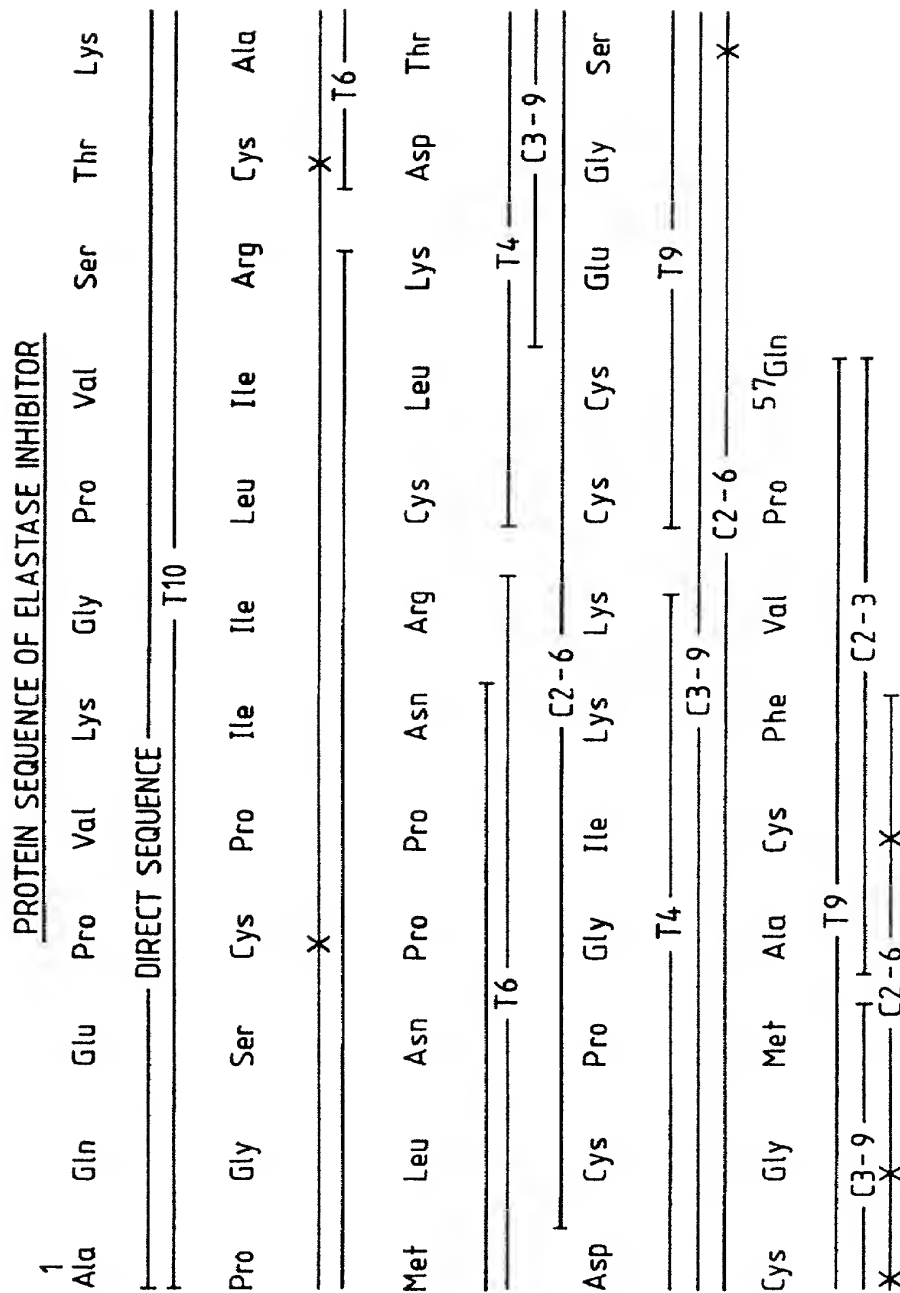


Fig.8.



X=UNIDENTIFIED T=TRYPTIC FRAGMENTS C=CHYMOTRYPTIC FRAGMENTS

Fig. 9.

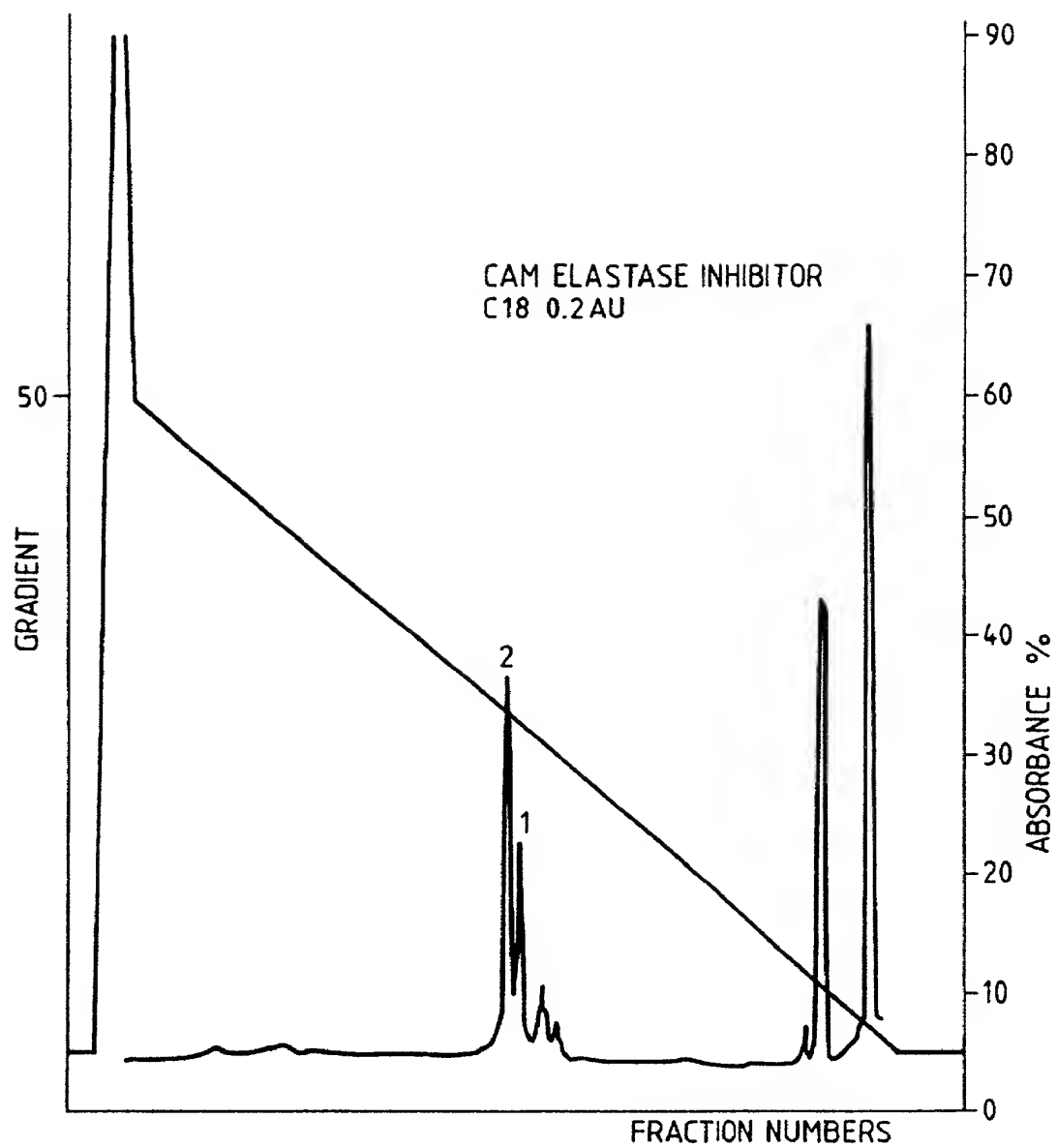


Fig. 10.

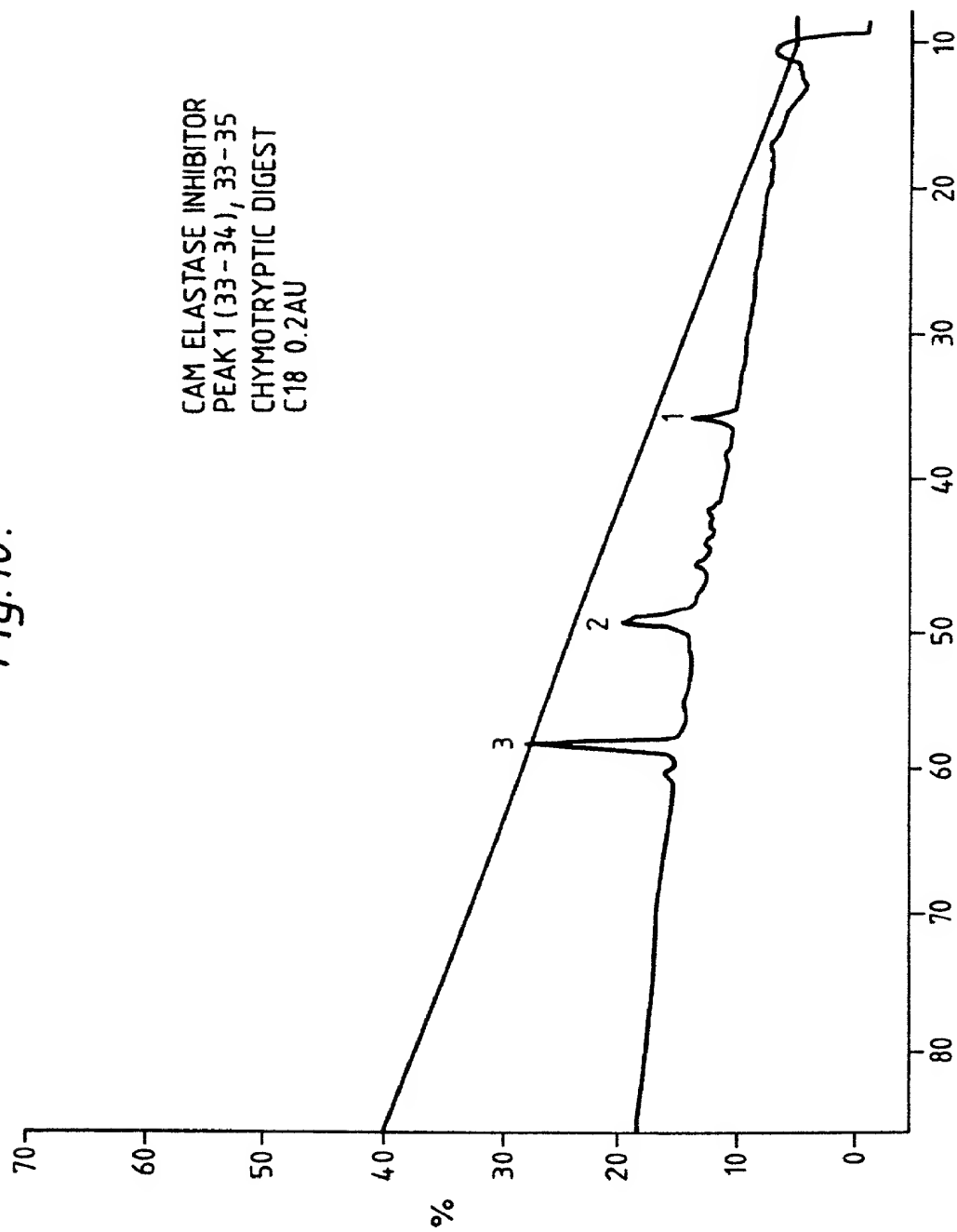
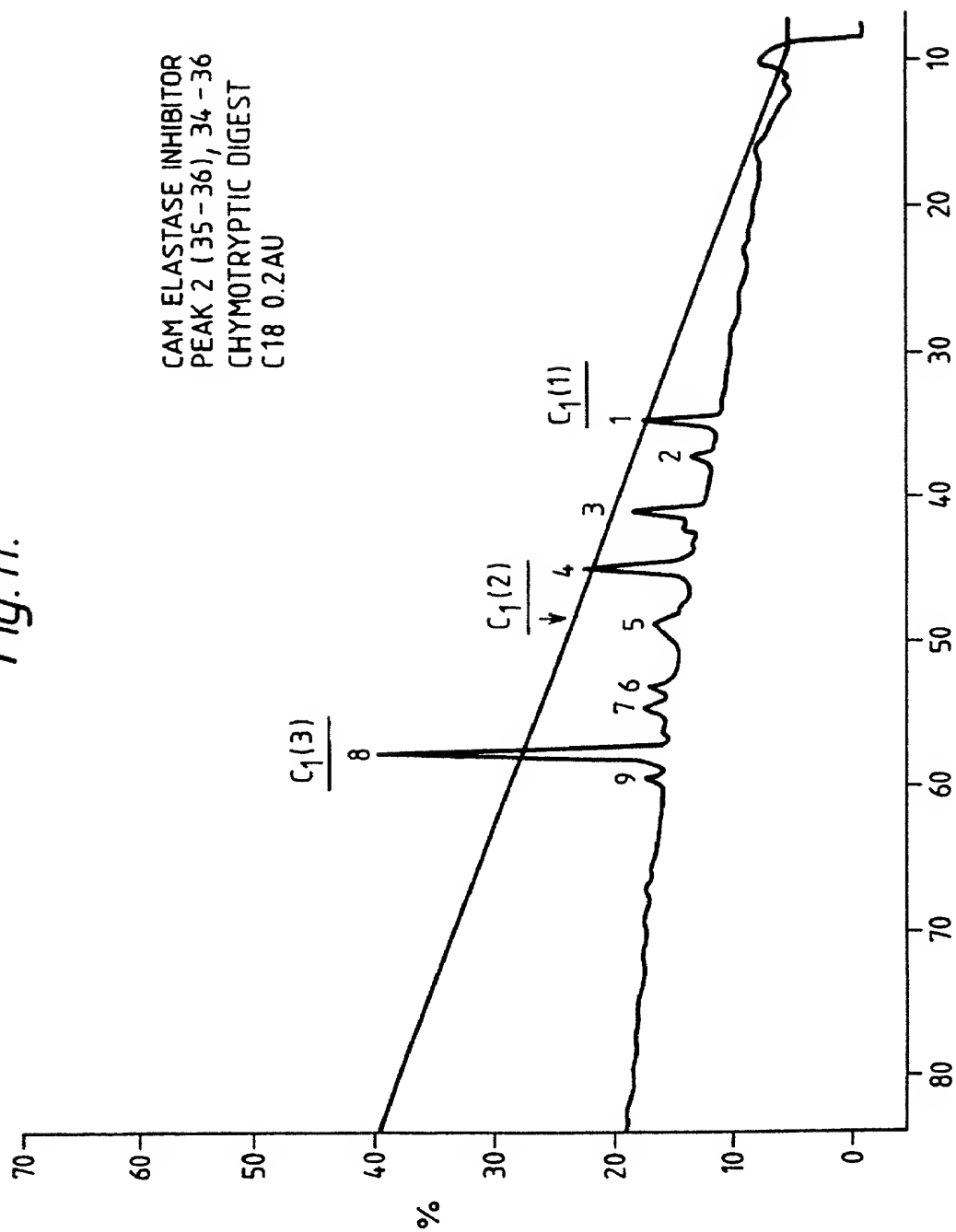


Fig. 11.



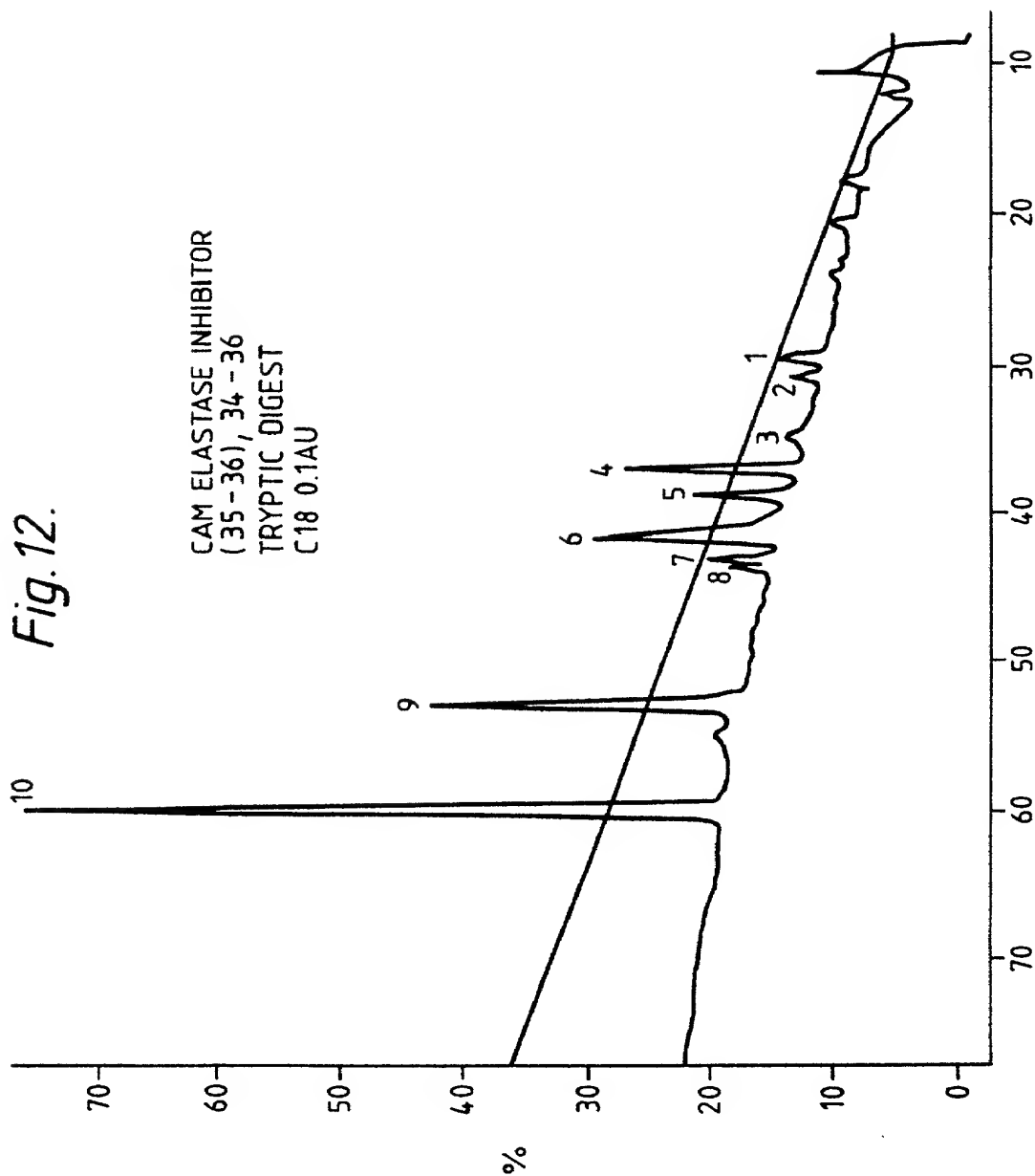


Fig. 13.

AlaGlnGluProValLysGlyProValSerThr

1 ELI1
AATTCGAGCTCGGTACCATACCTGCATATGCTCAAGAACCAGTTAAAGGTCCTGTGTCTACT
GCTCGAGCCATGGTATGGACGTATACGAGTTCTTGGTCAATTTCCAGGACACAGATGA

LysProGlySerCysProIleIleLeuIleArgCysAlaMetLeuAsnProProAsnArg

63 ELI3
AAGCCAGGTTCTTGTCTATTATCTTGATTCGTTGCGCTATGTTAAACCCACCTAACCGT
TTCGGTCCAAGAACAGGATAATAGAACTAAGCAACGCGATACAATTTGGGTGGATTGGCA
ELI2

CysLeuLysAspThrAspCysProGlyIleLysLysCysCysGluGlySerCysGlyMet

123 ELI5
TGTTTGAAGGACACTGATTGTCCAGGTATCAAAAAGTGCTGTGAAGGTTCTGCGGTATG
ACAACTTCCTGTGACTAACAGGTCCATAGTTTTTCACGACACTTCCAAGGACGCCATAC
ELI4

AlaCysPheValProGlnEndEnd

183 GCTTGTTTCGTTCCACAATAATAG

CGAACAAAGCAAGGTGTTATTATCCTAG 210
ELI6

Fig. 14.

Ala Gln Glu Pro Val Lys Gly Pro Val Ser Thr Lys Pro Gly Ser Cys
GCG CAA GAG CCA GTC AAA GGT CCA GTC TCC ACT AAG CCT GGC TCC TGC

5' DNA

Sequence

Pro Ile Ile Leu Ile Arg Cys Ala Met Leu Asn Pro Pro Asn Arg Cys
CCC ATT ATC TTG ATC CGG TGC GCC ATG TTG AAT CCC CCT AAC CGC TGC

Leu Lys Asp Thr Asp Cys Pro Gly Ile Lys Lys Cys Cys Glu Gly Ser

TTG AAA GAT ACT GAC TGC CCA GGA ATZ AAG AAP TGC TGT GAA GGC TCT

Cys Gly Met Ala Cys Phe Val Pro Gln

TGC GGG ATG GCC TGT TTC GTT CCC CAG

Z = T, C or A

P = A or G

Fig. 19.

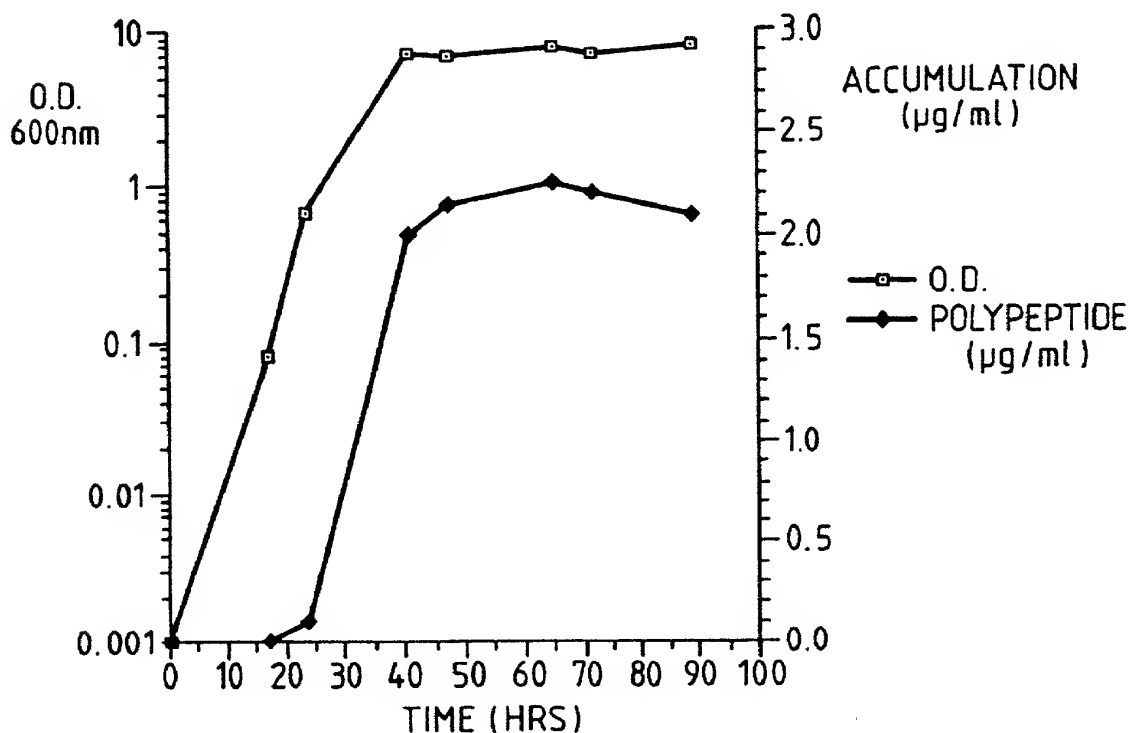


Fig. 15.

Ala Gln Glu Pro Val Lys Gly Pro Val Ser Thr Lys Pro Gly Ser Cys
GCG CAA GAG CCA GTC AAA GGT CCA GTC TCC ACT AAG CCT GGC TCC TGC
5' DNA

Sequence

Pro Ile Ile Leu Ile Arg Cys Ala Met Leu Asn Pro Pro Asn Arg Cys
CCC ATT ATC TTG ATC CGG TGC GCC ATG TTG AAT CCC CCT AAC CGC TGC

Leu Lys Asp Thr Asp Cys Pro Gly Ile Lys Lys Cys Cys Glu Gly Ser

TTG AAA GAT ACT GAC TGC CCA GGA ATZ AAG AAP TGC TGT GAA GGC TCT

Cys Gly Met Ala Cys Phe Val Pro Gln
TGC GGG ATG GCC TGT TTC GTT CCC CAG TAG GAGGGAGCCGGTCCTTGCTGCACCTGT

GCCGTCCCCAGAGCTACAGGCCCCATCTGGTCCTAAGTCCCTGCTGCCCTTCCCCTTCCCACACTGTCCA
TTCTTCCTCCCATTTCAGGATGCCCACGGCTGGAGCTGCCTCTCTCATCCACTTTCCAATAAAGAGTTCCG
GAATTC

Poly A 3'

signal

Z = T, C or A

P = A or G

101250 662550

[illegible][illegible]

Fig. 16 (cont.)

190 210 230
AGTCTCCACTAAGCCTGGCTCCTGCCCCATTATCTTGATCCGGTGCGCCATGTTGAATCC
oValSerThrLysProGlySerCysProIleIleLeuIleArgCysAlaMetLeuAsnPr

250 270 290
CCCTAACCGCTGCTTGAAAGATACTGACTGCCCAGGAATCAAGAAGTGCTGTGAAGGCTC
oProAsnArgCysLeuLysAspThrAspCysProGlyIleLysLysCysCysGluGlySe

310 330 350
TTGCGGGATGGCCTGTTTCGTTCCCCAGTGAGAGGGAGCCGGTCCTTGCTGCACCTGTGC
rCysGlyMetAlaCysPheValProGlnEnd

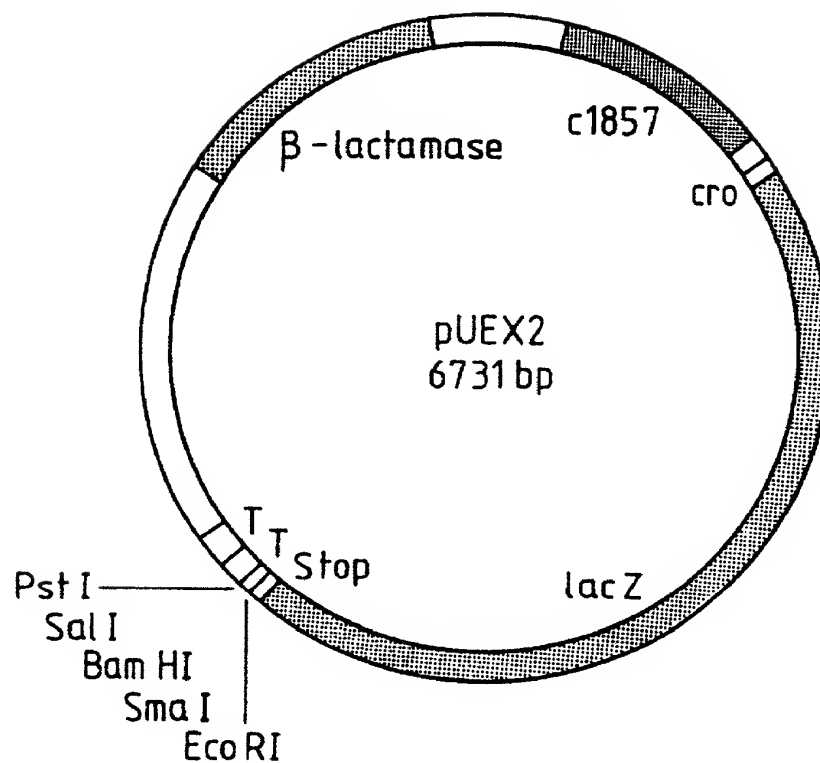
370 390 410
CGTCCCCAGAGCTACAGGCCCCATCTGGTCCTAAGTCCCTGCTGCCCTTCCCCTTCCCAC

430 450 470
ACTGTCCATTCTTCCTCCCATTGAGGATGCCCACGGCTGGAGCTGCCTCTCTCATCCACT

490
TTCCAATAAAGAGTTCCGGAATTC

Poly A EcoRI
signal

Fig. 17.



	EcoRI	SmaI	BamHI	SalI		PstI									
pUEX2															
	GAA	TTC	CCG	GGG	ATC	CGT	CGA	CCT	GCA	GCC	AAG	CTT	GCT	GAT	TGA
	Glu	Phe	Pro	Gly	Ile	Arg	Arg	Pro	Ala	Ala	Lys	Leu	Ala	Asp	***

Fig.18.

